

FOOLE PORT

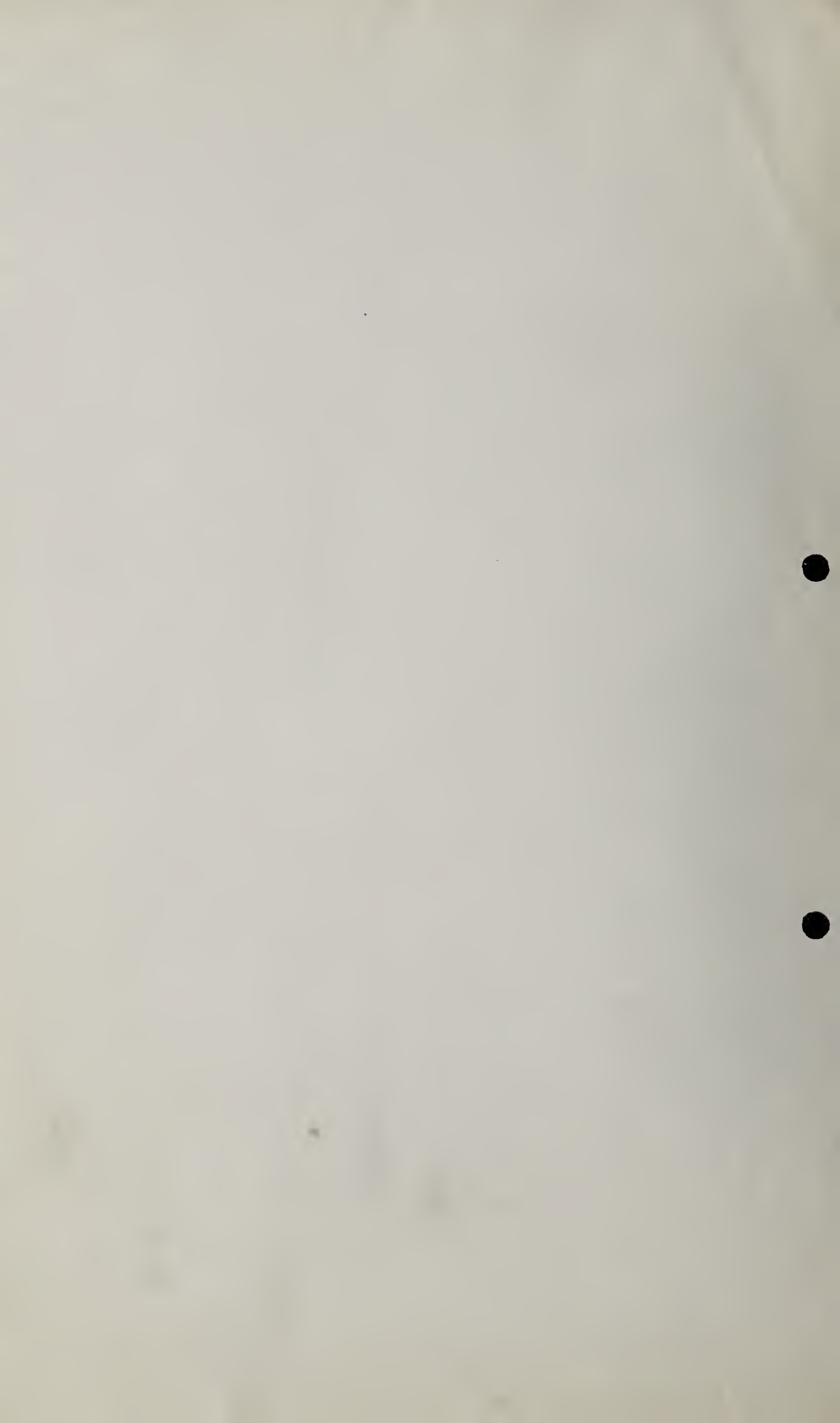
1970

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REPORT AND ACCOUNT OF THE PORT OF FOOLE

PORT HEALTH SERVICE

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INTRODUCTION

The report is submitted in accordance with Article 12 (4) of the Public Health Officers (Port Health Districts) Regulations, 1959. As a result of the Public Health (Ships) Regulations, 1952, the Minister of Health reviewed the form and scope of the Annual Reports of Medical Officers of Health and in Port Form 20 enclosed with Circular 35/52 dated 6th November, 1952, he prescribed the form and sequence which the reports should follow.

One requirement of the Minister is that the information required by Sections I, V, VI, VIII, XIV, XV and XVI (all marked with asterisk) need only be given in full every fifth year and for the intermediate years only the changes which have occurred during the year covered by the report need be included. The full information required in these sections is therefore set out in this Annual Report for 1970.

In presenting this report I have pleasure in taking the opportunity of expressing my thanks to the Harbour Master, Captain W. C. Allison, and the Officers of H.M. Customs for their ready co-operation and help during the year, and to the Port Health Inspector, Mr. C. B. T. Glover and his Deputies, Mr. A. E. Kirkman and Mr. F. K. W. Francis, for their willing assistance and interest in the work.

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PUBLIC HEALTH COMMITTEE, 1970/71.
(acting as Port Health Authority)

Chairman:

Alderman Mrs. D. I. MONTAGUE

Vice-Chairman:

J. N. SORTON

Aldermen:

Miss J. M. BISGOOD, J.P.

R. C. HART

Mrs. E. M. HICKINSON, J.P.

T. W. SHERRIN, M.B.E., J.P.

Councillors:

J. L. BROWN

R. J. GARLAND

R. HANN

J. Q. E. HEARS

S. G. PEARCE

J. PURDIE

E. M. NOXHAM

W. S. RIGLER

Mrs. E. M. ADAMS

S. C. WHITE

Co-opted Members:

Mrs. D. O. AUBIN

Dr. D. CAMPBELL

Mrs. I. E. EVERED

Mrs. J. A. GREBBY

Ex Officio Member:

R. FARE (D. C. C. Chairman)

OFFICERS OF THIS AUTHORITY

Clerk to the Port Health Authority:

J. G. HILLIER, Town Clerk

Medical Officer of Health:

JAMES HUTTON, M.D., D.P.H.

Deputy Medical Officer of Health:

A. McCUTCHION, M.B., Ch.B., D.P.H.

Port Health Inspector:

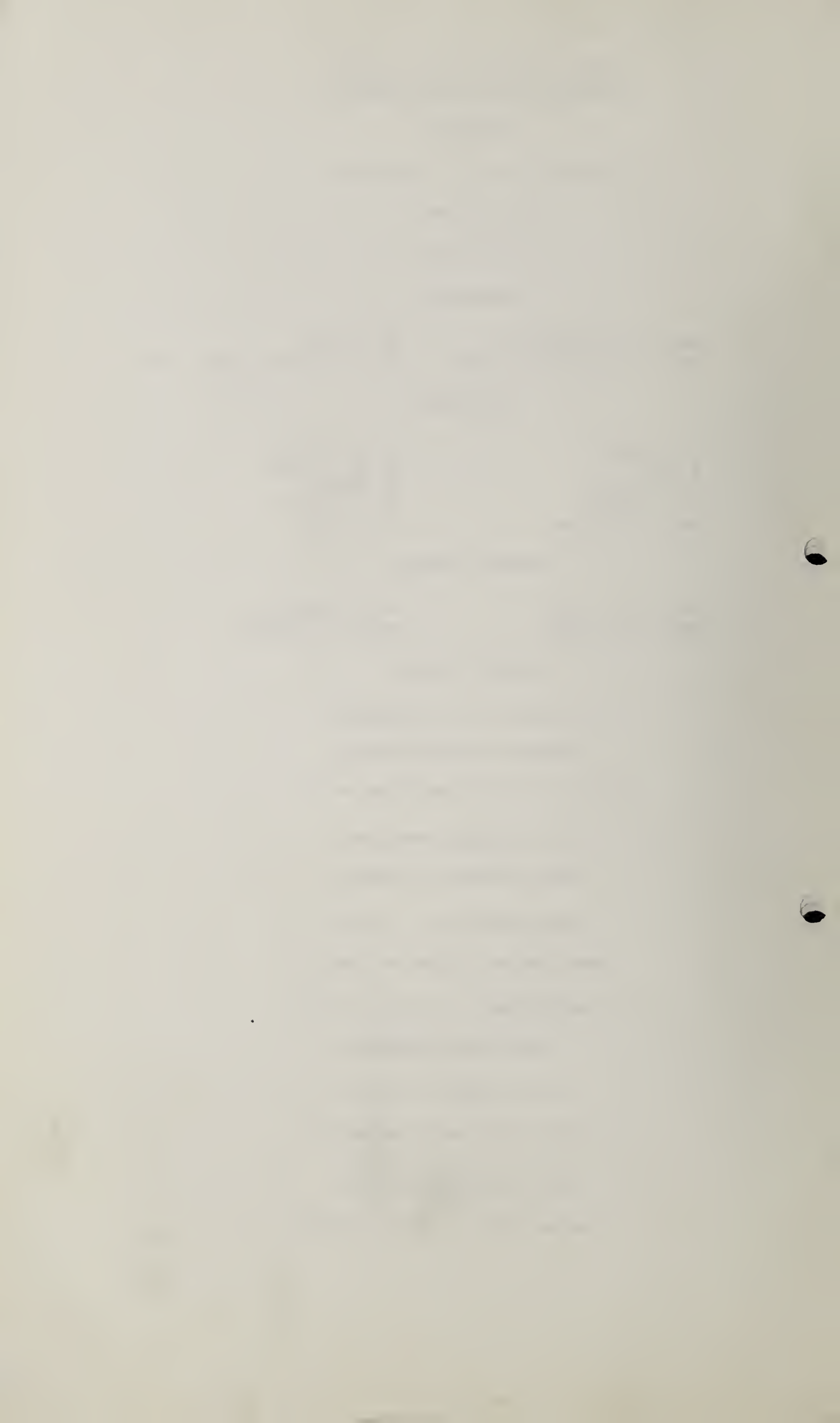
C.B.T. GLOVER, M.A.P.H.I.

Deputy Port Health Inspectors:

ALAN H. KIRKMAN, M.A.P.H.I.

F.K.W. FRANCIS, M.A.P.H.I.

Senior Clerk: A.R.C. PARSONS



THE PORT OF POOLE

Constitution of the Port Health Authority

By an order of the Local Government Board dated 21st. September, 1887, and an amending order dated 27th February, 1909, a Port Sanitary Authority was constituted to exercise the powers and functions assigned by the Order.

The style "Port Sanitary Authority" was changed to "Port Health Authority" in 1956.

The Port Health Authority is the Mayor, Aldermen and Burgesses of the Borough, acting by the Council.

Limits of Jurisdiction

The present limits of jurisdiction were fixed in 1909, as follows:-


"The jurisdiction of the said Port Sanitary Authority shall extend to all that part of the said Port of Poole aforesaid which lies to landward of a line drawn from the seaward extremity of the eastern boundary of the Borough of Poole to the seaward extremity of the headland known as Standfast Point; together with the waters of the said part of the Port and all docks, basins, harbours, creeks, rivers, channels, roads, bays and streams within that part of the said port, and the place or places which may from time to time be appointed as the Customs Boarding Station or Stations for that part of the said Port, and the place or places for the time being appointed for the mooring or anchoring of ships for the said part of the said Port under any regulations for the prevention of the spread of disease issued under the authority of the Statutes in that behalf, and for the purposes of any such Regulations as aforesaid, shall also extend to any ship which in pursuance thereof, or of any directions given thereunder shall be moored or anchored at the place appointed thereunder as aforesaid, or which shall be on its way thither".

Port Facilities

Poole is chiefly a cargo port and its trade is mainly carried on with other British ports and those on the coasts of France, Belgium, Holland and Germany and there is also a regular trade with the Baltic Ports.

During the summer season the port is the base for day pleasure boats operating between local seaside resorts and this is the only passenger traffic.

Inshore fishing is still carried on and the report on the shell fish industry is dealt with in Section XIV.



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The public quay accommodation consists of 5,270 feet frontage, i.e.

Hamworthy Quay	270 feet at 15 ft. Admiralty Chart Datum - for tankers
	500 feet at 15 ft. Admiralty Chart Datum) for
Town Quay	1000 feet at 16 ft. Admiralty Chart Datum) general
	1000 feet at 15 ft. to 10 ft. do) cargo
	500 feet shallow berthing (for yachts)

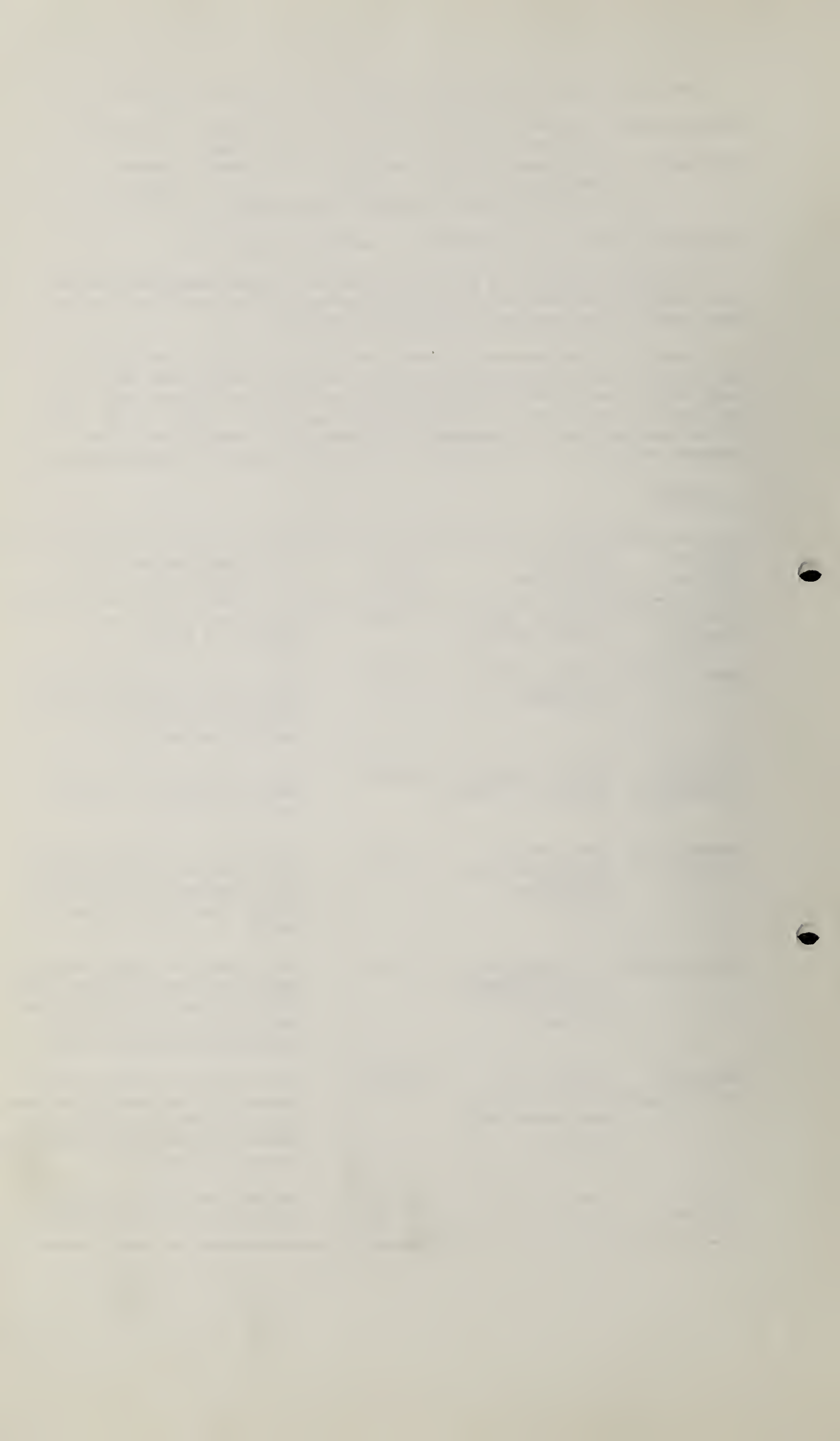
The general cargo quay at Hamworthy is served by rail.

Unloading equipment at the port consists of seven travelling cranes, three mobile cranes and three coal transporters. There are nine ship and boat yards for the building and repairing of ships.

There is in the harbour an extensive safe anchorage. The depth of the water at the Harbour Bar is 13 feet - Admiralty Chart Datum and the range varies from about 7 feet at springs to a few inches at neaps. Both the flood and ebb tides run at about three-quarters of a knot at the Bar. At the Haven entrance the maximum is $4\frac{1}{2}$ knots with about $3\frac{1}{2}$ knots for Brownsea Roads while in the rest of the harbour 2 knots is seldom exceeded.

1. Staff

Name of Officer	Nature of Appointment	Date of Appt.	Qualifications and Other Appts. held
John Gilbert Hillier	Clerk to Port Health Authority	4.9.56	Solicitor, Town Clerk, Borough of Poole
James Hutton	Medical Officer of Health	1.2.52	M.D., D.P.H., Medical Officer of Health, Borough of Poole, Poole Area Medical Officer of Health, Dorset CC.
Archibald McCutcheon	Deputy Medical Officer of Health	23.3.62	M.B., Ch.B., D.P.H., Deputy Medical Officer of Health, Borough of Poole
Cedric B. T. Glover	Port Health Inspector, and Authorised Officer	1.4.63	Certificate as Public Health Inspector and Meat and Other Food Inspector, Chief Public Health Inspector, Borough of Poole.
Alan H. Kirkman	Deputy Port Health Inspector and Authorised Officer	9.5.63	Certificate as Public Health Inspector, Meat and Other Food Inspector and Smoke Inspector. Deputy Chief Public Health Inspector, Borough of Poole.
Frederick K.W. Francis	Deputy Port Health Inspector and Authorised Officer	18.6.63	Certificate as Public Health Inspector, Meat and Other Food Inspector and Smoke Inspector. Senior Public Health Inspector, Borough of Poole.
A. R. C. Parsons	Senior Clerk	1.11.61	Senior Clerk, Public Health Department, Borough of Poole.



Address and telephone number of Medical Officer of Health:

Office: Public Health Department,
Central Clinic,
Civic Centre,
Park Road,
Poole.

Tel: Poole 5151

Home: 23 Pearce Avenue,
Parkstone,
Poole.

Tel: Parkstone 4140

The telegraphic address of the Port Health Authority is
registered as "Portelth Poole".

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY
530 SOUTH EAST ASIAN AVENUE
CHICAGO, ILLINOIS 60607
TEL: 773-936-5000
FAX: 773-936-5001
WWW: WWW.CHEM.UCHICAGO.EDU



II. Amount of Shipping Entering the Port During the Year.

Ships from	Number	Tonnage	Number Inspected		Number of Ships reported as having had, during the voyage, infectious disease on board
			By the Medical Officer of Health	By the Port Health Inspector	
Foreign Ports	*266	68,341	-	215	NIL
Coastwise	994	353,709	-	49	NIL
TOTAL	1260	422,050	-	264	NIL

* Does not include yachts.

III. Character of Shipping and Trade During the Year.

Passenger Traffic: NIL

Cargo Traffic:

Principal IMPORTS - Oil, Coal, Coke, Stone, Timber, Fertilisers, Grain, Fish Meal, Wood Pulp, Styrene.

Principal EXPORTS - Barley, Scrap Metal, Clay and Caravans

Principal ports from which ships arrive:

Amsterdam, Rotterdam, Ymuiden, Antwerp, Hamburg, Le Havre, Hamina, Jersey, Kaliningrad, Gdansk, Kotka, and other Baltic timber ports.

IV. Inland Barge Traffic.

There is no inland barge traffic in the port.

*V. Water Supply.

1. Source of supply for the district and shipping.

The water supply for the port and shipping is that from the town mains provided by the Dorset Water Board from hydrants on the quay. It is chlorinated water of high bacterial purity.

2. Reports of tests for contamination.

The general supply was sampled every two or three days through the year and every sample was reported as Class I "highly satisfactory". During the year 23 samples of water were taken direct from the quay hydrants used for shipping. All samples were reported as Class I.

Twelve samples of water were taken for bacteriological examination from ships and all samples were reported as Classes I and II.

3. Precautions taken against contamination of hydrants and hosepipes.

All the hydrants on the quay - except one - are fixed in boxes at ground level and it is impossible to keep the boxes free from contamination by road surface water and harbour water. Instructions have, therefore, been given that all hydrants must be cleansed, disinfected and flushed before use.

The one hydrant which is above ground is enclosed in a brick pillar with lockable metal door. All the water samples from this point have been reported as Class I.

4. Number and sanitary condition of water boats, and power of control of the Authority.

In 1970 no water boats operated within the harbour.

*VI. Public Health (Ships) Regulations, 1952.

1. List of Infected Areas (Regulation 6).

The list of infected areas is revised weekly on receipt of the Weekly Epidemiological Record issued by the World Health Organisation, and the revised list is immediately sent to the Port Health Inspector, H.M. Customs Officers, the Senior Pilot and the Harbour Master.

2. Radio Messages

(a) Arrangements for sending permission by radio for ships to enter the district (Regulation 13).

Poole is not a radio transmitting port but if necessary, messages can be transmitted through Niton Radio, Isle of Wight.

(b) Arrangements for receiving messages by radio by ships and acting thereon (Regulation 14 (1) (a) and (2)).

Messages are relayed from ships at sea direct to the Medical Officer of Health by telephone.

3. Notification otherwise than by radio (Regulation 14 (1) (b)).

Duty pilots pass on to the Medical Officer of Health signals for the Port Health Authority received from ships approaching the harbour.

Where advance notice is received by H.M. Customs Officer or the Harbour Master of the arrival of a ship from an infected area this information is sent immediately to the Medical Officer of Health who will arrange for a Medical Officer to inspect the ship.

Vessels are boarded upon arrival by the Port Health Inspector and H.M. Customs Officer who provide and collect the Maritime Declarations of Health and arrangements have been made for these officers to contact the Medical Officer of Health immediately by telephone in the case of an inward vessel requiring special or immediate attention.

Advance messages are occasionally received from shipping agents in the Port. The telegraphic address of the Medical Officer of Health is "Portelth Poole". At the Port Health Office, Public Health Department, Central Clinic, Civic Centre, Park Road, Poole, messages can be received and the necessary action taken thereon at any time during the day or night.

The Port Health Inspectors work in very close liaison with the Officers of H.M. Customs, the Harbour Master, the pilots and the shipping agents.

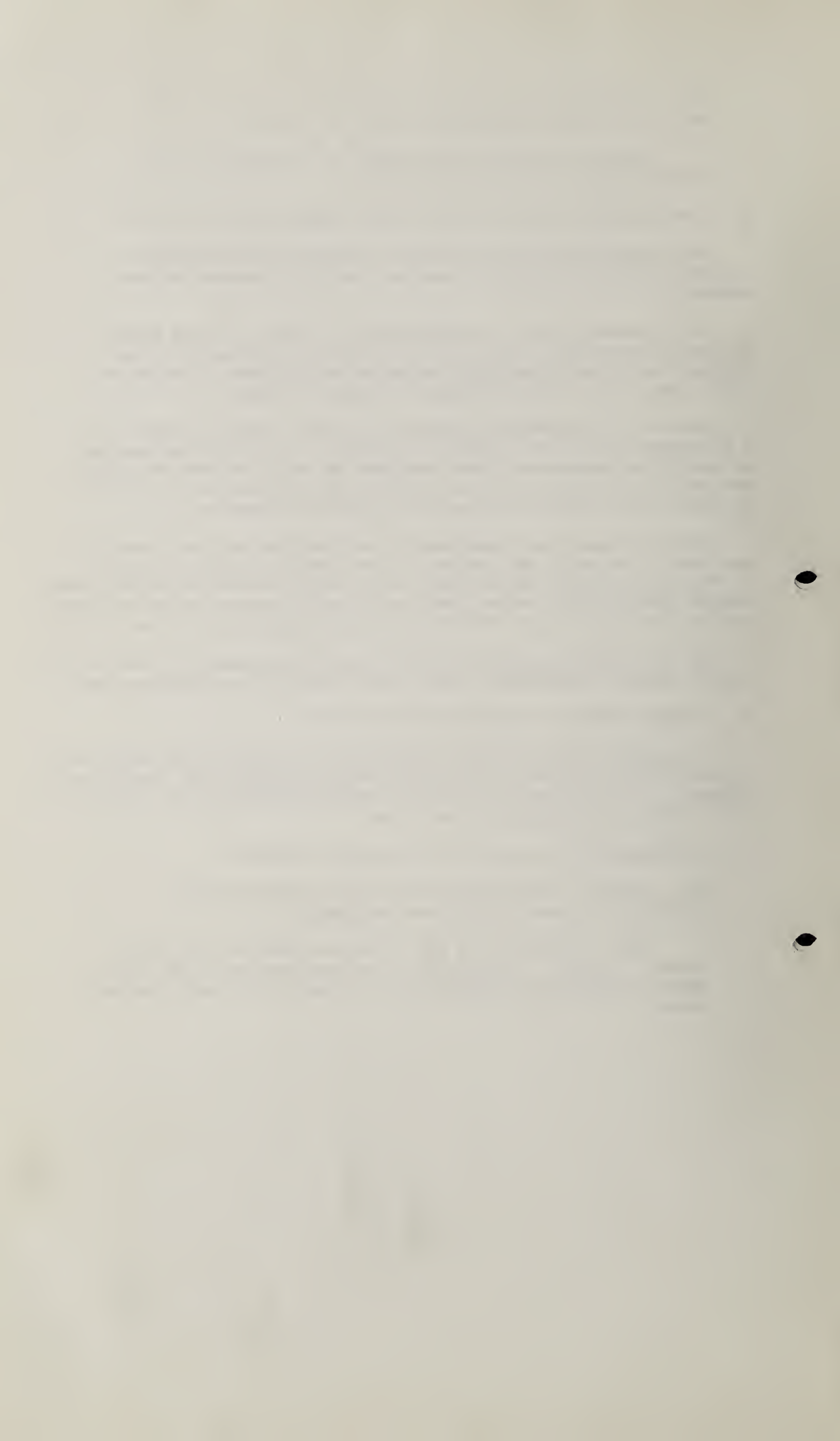
4. Mooring Stations (Regulations 22 and 30).

A mooring station has been established at a point in the main channel half-way between Parkstone Shoal Light Buoy and Stakes Buoy, just clear of shipping. If so directed by the Port Medical Officer, the southern end of the New Quay, Hamworthy, can also be used.

5. Arrangements for dealing with Infectious Diseases

(a) Hospital accommodation for persons suffering from Infectious Diseases (other than smallpox).

This is available at the Infectious Disease Unit, Poole General Hospital. A full-time ambulance service of the Local Health Authority is available at all times at the Poole Ambulance Depot.



(b) Surveillance and follow-up of contacts

Arrangements have been made for surveillance and follow-up of contacts to be carried out in accordance with Sections 36 to 38 of the Public Health (Ships) Regulations 1952. Infectious disease contacts proceeding home are provided with notification post-cards for use if required, and immediate notification sent to the Medical Officer of Health for the district to which they are proceeding.

(c) A steam disinfecting station is now available at Stokewood Road, Bournemouth, under the control of Bournemouth County Borough and arrangements have been made for joint use.

Other disinfection can be carried out at the Public Health Department, Central Clinic, Civic Centre, Park Road, Poole, where a Cleansing Station is also available.

The Corporation has a sufficient and qualified staff for the disinfection of ships.

VII. Smallpox

1. Name of Isolation Hospital to which smallpox cases are sent from the district

Weyhill Hospital, Andover, Hants.

2. Arrangements for transport of such cases to that hospital

Transport of smallpox cases would be carried out by the Ambulance Service of the Dorset County Council operating from the Poole Ambulance Depot.

The vaccinal state of the 17 ambulance personnel at this depot is 2 vaccinated in 1967, 2 in 1968, 12 in 1969, 1 in 1970. Steps are being taken to bring the vaccinal state of all personnel up to date.

3. Name of smallpox consultant available

Dr. A. F. Turner, County Hall, Dorchester.

4. Facilities for laboratory diagnosis of smallpox

Suspected material is sent to:

Dr. A. D. Macrae,
Virus Reference Laboratory,
Central Public Health Laboratory,
Colindale, London, N.W.9.

Tel: Colindale 6041.

*VIII. Venereal Diseases

On the 1st. June 1970, a new V.D. Department to serve the area was opened at the Royal Victoria Hospital, Gloucester Road, Roscombe. Clinics for both male and female patients are held on Mondays, Tuesdays, Wednesdays and Fridays in each week from 2 p.m. to 7 p.m.

During inspections of ships, enquiries are made as to the presence of venereal disease among seamen and information as to the facilities available for treatment is given to the persons concerned. Printed notices are available for this purpose and display notices are exhibited in the vicinity of the port.

IX. Cases of Notifiable and other Infectious Diseases on Ships

Table D

Category	Disease	Number of cases during the year		Number of ships concerned
		Passengers	Crew	
Cases landed from ships from foreign ports	NIL	NIL	NIL	NIL
Cases which have occurred on ships from foreign ports but have been disposed of before arrival	NIL	NIL	NIL	NIL
Cases landed from other ships	NIL	NIL	NIL	NIL

X. Observations on the occurrence of Malaria in Ships.

None.

XI. Measures taken against ships infected with or suspected for Plague.

None necessary.

XII. Measures against Rodents in Ships from Foreign Ports.

Poole is a "Designated Approved Port" for the issue of Deratting Certificates and Deratting Exemption Certificates in accordance with Article 17 of the International Sanitary Regulations, 1951, and Articles 19, 20 and 21 of the Port Health (Ships) Regulations, 1952, are enforced in the Port. Both the Port Health Inspector and the Deputy Port Health Inspectors have been trained in deratisation procedure.

1. During routine inspections of ships by the Port Health Inspectors, masters and crew are questioned as to the presence of rats. The ship in general and the crew's quarters in particular are examined for evidence of infestation. Where evidence is found or suspected a detailed search of the ship including the holds - is made by the Port Health Inspector who endeavours to secure one or more rats for bacteriological and pathological examination.

Whenever a Deratting Certificate or Deratting Exemption Certificate is found to be out of date or a certificate is needed, a detailed inspection and search of the ship is made by the Port Health Inspector before a certificate is issued or renewed. A similar procedure is adopted before the issue or renewal of Rodent Control Certificates for coastal ships.

2. Bacteriological and pathological examinations of rodents are carried out by the Public Health Laboratory, Poole, (Director, G.J.G. King, M.B., B.Ch.). No rats were obtained from ships during the year.

3. Small infestations of rats on ships are dealt with directly by the Rodent Control Staff, using standard trapping and baiting methods. Major infestations requiring large scale fumigations are carried out by any one of the commercial contractors on the Authority's list, the arrangements being made direct by the owners or agents.

4. The Port Health Inspectors work in very close liaison with the ship designers and ship builders in the area to secure proper ratproofing in the ships built in the Port. Very few opportunities arise for the improvement of structures of other ships owing to their very short stay in the Port.

Table E.

Rodents destroyed during the year in ships from foreign ports

Category	Number
Black rats	NIL
Brown rats	NIL
Species not known	NIL
Sent for examination	NIL
Infected with Plague	NIL

The Local Authority and private contractors continued their regular survey and treatment of rats in and around the warehouses and other buildings on the quays.

Deratting Certificates and Deratting Exemption Certificates issued during the year for Ships from Foreign Ports

Number of Deratting Certificates Issued				Number of Deratting Exemption Certificates Issued	Total Certificates Issued
After fumigation with		After Trapping 3	After Poisoning 4		
H.S.P.	(Other Fumigant (State Method) 2				
1				6	7
NIL	NIL	NIL	NIL	NIL	29

Rodent Control Certificates

No Rodent Control Certificates were issued during the year.

XIII. Inspection of Ships for Nuisance

Table G
Inspection and Notices

Nature and number of Inspections	Notices Served		Result of serving Notices
	Statutory Notices	Other Notices	
Routine Inspections ... 267	-	4	4 complied
Re-inspections ... 45	-	-	-
Re water supplies ... 40	-	-	-
Infectious Diseases ... -	-	-	-
Inspected by Rodent Officer ... 20	-	-	-
TOTAL ... 379	-	4	-

*XIV. Public Health (Shell Fish) Regulations, 1954 and 1961

The oyster industry continued to be carried on during the year and samples were taken from every batch of oysters before despatch.

It will be noted in Table H that three of the samples of treated oysters were in Class II and Class III, these were the result of carrying out cleansing in an indoor experimental tank. None of these treated oysters were sold until they had received further treatment and, when sampled, were in Class I.

The Poole Oyster Company have been carrying out extensive experiments in growing native and Japanese varieties of oysters from eggs. The oysters are grown for two months under laboratory conditions then transferred to an outdoor tank, and finally laid in the harbour. These experiments have been carried out on a large scale and the results have been highly satisfactory. Next year the company hope to produce several million oysters for commercial use.

THE
FEDERAL GOVERNMENT
OF CANADA
DEPARTMENT OF
INDUSTRY
AND COMMERCE
1967



Results of bacteriological examination of shellfish obtained from Poole Harbour
in 1970

Shellfish	Number of Samples	Class I Satisfactory		Class II Suspicious	Class III Unsatisfactory	Maximum number of faecal coli per 1 ml. of shellfish in any sample
		0 faecal coli per 1 ml. of shellfish	1-5 faecal coli per 1 ml. of shellfish			
Cockles ...	3	3				
Clams: Untreated	2			1	1	30
Clams: Treated	-					
Oysters: Untreated	2		1	1		
Oysters: Treated	40	33	4	1	2	100
TOTAL	47	36	5	3	3	

Results of Bacteriological Examination of Shellfish Cleansing Tank Water 1970

Number of Samples	Class I	Class II	Class III	Class IV
22	22	-	-	-

*XV. Medical Inspection of Aliens

Not applicable.

*XVI. Miscellaneous

Arrangements for the burial on shore of persons who have died on board ship from infectious disease.

The mortuary at the Poole General Hospital is available and no difficulty would arise in arranging cremation or burial in one of the local authority cemeteries.

Pollution of the Harbour.

The waters of Poole Harbour are subject to intermittent sewage pollution from various sources. It is believed that some of the pollution comes from Poole Bay which receives the sewage from the three towns on its shores but as inland treatment works proceed this should be reduced. A growing source of pollution is undoubtedly the increase in the use of the harbour for recreational purposes, i.e. yachting, marinas, etc.

The scheme for the diversion of all Poole sewage from the sea to the sewage disposal works proceeded satisfactorily in 1970 and two further pumping stations were commissioned which reduced the sewage pollution load from Poole into Poole Bay by approximately 60 per cent.

GENERAL

Diseases of Animals Act

The Port Health Inspectors are also Inspectors under the Diseases of Animals Act. All ships from abroad are inspected in order to ensure that the requirements of the Act are complied with. During 1970, 215 visits were made with regard to the Diseases of Animals Act. Detention notices were served on the masters of 31 ships with regard to 32 dogs and two cats. No contraventions were observed.

Sickness and Injuries.

Three cases of minor sickness and injury were reported aboard ships during the year and all received suitable treatment. Vaccination is arranged as required.

Clean Air Act.

There were no records of any emissions of dark smoke from any ship during the year.

